

Call for Papers, Workshops, Panels, and Special Sessions from Spring 2023 Zone 1 Conference

Please note that we would like to encourage anyone who has questions or concerns about submitting to this call to contact the conference chair: Stephanie Cutler: slc5822@psu.edu

Key points:

- Zone 1 has multiple paper types - Research, Evidence-Based Practice, Great Ideas For Teaching – and Talking with - Students (GIFTS) and Work in Progress (WIP). Tell us what type of paper you're submitting at every stage of the process to help reviewers, as well as 3-5 keywords following the abstract to aid in the review process.
- Zone 1 is also looking for Workshops, Special Sessions, and Panels. See the Call for Proposals at the end of this document (page 7).
- Zone 1 encourages students to present their work via posters. Undergraduate and graduate students are invited to submit discipline specific topics related to their research or capstone projects. An extended abstract of 500 words will be included in the proceedings (Page 8).
- Zone 1 encourages all presenters to use active engagement strategies when presenting their work at the Conference. Please start thinking about how you will engage your audience now.

Call for Papers

For you to publish and present your paper at the ASEE Zone 1 Conference in March, you must clear multiple hurdles first. You can do it! To help aid you in your journey, each section below will outline Zone 1's expectations for clearing each hurdle in the process. As you all successfully reach the paper finish line and get ready to present your paper, Zone 1 *hopes all presenters will remember good educational practices while presenting and work to engage their audience.*



Clearing Hurdle 1: The Abstract: Guidelines for a successful abstract submission

Zone 1 has multiple types of papers: Research, Evidence-Based Practice, Great Ideas For Students (GIFTS) and Work in Progress (WIP). **YOU SHOULD INCLUDE THE TYPE OF PAPER YOU ARE PROPOSING IN THE FIRST SENTENCE OF YOUR ABSTRACT, as well as 3-5 keywords following the abstract to aid in the review process.**

Abstracts should follow the ASEE Abstract Format guidelines provided by ASEE. Abstract should be 250-500 words.

The abstract should contain sufficient information to enable reviewers to determine its suitability for presentation at the Zone1 conference.

ABSTRACTS will be EVALUATED based on the identified type of paper (*one of the key reasons it is so important to include the type of paper in your abstract!*):

- Research: New findings, situated in the context of prior findings and models, including motivation and background of the work, methods, results, and implications of the work and/or future directions for research. *Contributes new knowledge to the field of engineering education research.*
- Evidence-based Practice: Analysis of one or more engineering education practices, including teaching approaches, uses of instructional technologies, institutional strategies to support student success, etc.), including design rationale, assessment methods, evidence of effectiveness and/or achievement of desired outcomes. *Contributes new practices to the field of engineering education with scholarly evidence.*

- Great Ideas For Teaching – and Talking with - Students (GIFTS): For authors wanting to share their best practice for teaching, advising and developing engineering talent. Whether you are a long-time master teacher, a first-year educator, a program administrator, advisor, or someone in between, offer your great ideas to the researchers, educators and curriculum designers participating in the conference. (Paper type inspired by – and copied from - the ASEE First-Year Programs Division/First-Year Engineering Experiences Conference).
- Work in Progress (WIP): Studies that are at an early to intermediate stage for which authors are seeking feedback from the community. WIP abstracts should address the motivation and background of the work, methods, results (or anticipated results), and significance. *Raises awareness of future research and directions for the field of engineering education research.*

The deadline for submitting abstracts is January 9, 2023



Clearing Hurdle 2: The Draft Paper: Guidelines for a successful draft paper submission

Don't forget to indicate the type of paper in the first sentence of the paper as: Work-In-Progress, Research, Great Ideas For Teaching – and Talking with – Students (GIFTS), or Evidence-Based Practice. *THIS HELPS REVIEWS PROVIDE THE BEST POSSIBLE REVIEW ALIGNED WITH YOUR GOALS FOR THE PAPER.*

Full Paper Guidelines (Research, or Evidence-Based Practice Papers):

Maximum of 12 pages. There are two categories of full papers: Research, and Evidence-Based Practice. While Zone 1 does not set strict page limits for papers, we encourage authors to aim for 10-12 pages of text (not including references) to encourage a larger readership of the work. Please follow the ASEE formatting guidelines provided by ASEE.

Work-In-Progress Guidelines:

Maximum of 5 pages. Manuscripts are understood to be at an early to intermediate stage of research papers and thus, shorter in length than a full paper. The purpose of the WIP papers is to allow researchers to get feedback on early-stage research projects that may not have substantive results yet. Authors are encouraged to keep WIP papers to 5 pages in length (not including references) and provide sufficient information for the reader to understand the potential significance of the work and the approach being used. Authors are strongly encouraged to provide preliminary results or initial findings. WIP will be evaluated on: motivation and background of the work, methods, results (or anticipated results), significance, and potential interest to the Zone 1 community.

Great Ideas for Teaching – and Talking to – Students (GIFTS)

Maximum 2 pages. GIFTS are for authors wanting to share their best practice for teaching, advising and developing engineering talent. Whether you are a long-time master teacher, a first-year educator, a program administrator, advisor, or someone in between, offer your great ideas to the researchers, educators and curriculum designers participating in the conference. (Paper type inspired by – and copied from - the ASEE First-Year Programs Division/First-Year Engineering Experiences Conference).

Great Ideas for Teaching, and Talking with, Students are class-tested activities, assignments, projects, games, simulations, assessment techniques, professional develop

activities, advising methods that address a specific communication theory, concept, skill, or learning objective. The conference organizers encourage submissions that reflect creative pedagogical ideas about teaching and advising students in traditional classroom settings, teaching and advising outside of the classroom (e.g., in cross-curricular initiatives, consulting venues, community engagement initiatives, and engaged scholarship projects), teaching and advising first year students within non-traditional academic environments, or supporting students decision making and professional development.

Papers could share information about how a faculty member or group of faculty members are developing and/or implementing new practices explicitly based on research on engineering education and/or education. The paper should demonstrate transfer from research to practice. The work does not have to be completed but should be at a phase where meaningful information can be presented. (From <https://sites.asee.org/fyee2022/gifts-guidelines/>)

The deadline for submitting draft papers is February 13, 2023. Submissions are reviewed anonymously. No author or affiliation information is to be included on draft papers.



Clearing Hurdle 3: Draft Revisions: Guidelines for a successful revision of your draft paper

We highly encourage authors to integrate reviewer comments into their revised drafts. Authors are welcome to submit responses to the reviewers within their revised drafts that are not included in the final paper or the page count.

If there is a request for revisions after the initial draft review, the deadline for the revised draft papers is **March 13, 2023**. These submissions are also reviewed anonymously. No author or affiliation information is to be included on draft revision papers.



Clearing Hurdle 4: Finalize Paper

Final versions of papers must be submitted by **April 7, 2023** (after the conference). At this time, all anonymous indicators must be removed. No changes to papers can be made after this submission. Again, we encourage all authors to review the reviewers' comments and make appropriate changes to the manuscript.



Finish LINE!

We are so excited to see you all at the 2023 ASEE Zone 1 Conference! We encourage all authors to embrace engagement strategies while presenting their work at the conference. We are all attending the conference to share our work and learn from each other, so let's use our best teaching strategies to make memorable presentations and connect with the amazing folks of ASEE Zone 1 (both newcomers, old timers, and everyone in between)!

**All images are freely available via pixabay.com.*

For more information, please contact the Program Chair:

Stephanie Cutler

Associate Research Professor

Director of Assessment and Instructional Support

The Leonhard Center for the Enhancement of Engineering Education

Penn State

slc5822@psu.edu

Call for Proposals: Workshops and Panels

Where paper presentations are great for disseminating new research and practice, sometimes 15 minutes just won't do. For longer, **more interactive sessions**, Zone 1 is soliciting proposals for Workshops and Panels (both held during a 90-minute time slot).

Workshop and Panel Proposals

Maximum 5 pages (not including references). Proposals for Special Sessions or Panels should be sent directly to the Zone 1 Program Chair (slc5822@psu.edu) and **NOT** through the paper management system. **The deadline for submitting special session proposals is February 13, 2023.** Proposals should include the following information:

- A description of the session/panel, including its purpose, format, learning goals, content, and activities.
- A schedule of workshop activities.
- An explanation of why the non-traditional/panel format is needed to accomplish the learning goals.
- A list of presenters/facilitators/panelist and their contact information, along with a brief justification for their ability to successfully accomplish the stated goals.

For more information, please contact the Program Chair:

Stephanie Cutler

Associate Research Professor & Director of Assessment and Instructional Support
The Leonhard Center for the Enhancement of Engineering Education at Penn State
slc5822@psu.edu

Call for Student Posters

The Zone ASEE conferences are great opportunities for undergraduate and graduate students to present their work. We welcome any undergraduate or graduate students to submit papers that would fit within the conference through the paper management process. We would also like to encourage engineering undergraduate and graduate students to submit their technical engineering research or capstone projects to be presented as posters.

Extended abstracts for student POSTERS (max of 500 words) will be **due February 13th**.

Student poster abstracts should be submitted here:

https://pennstate.qualtrics.com/jfe/form/SV_eWleVibxdQdvdAO

Poster abstracts will be included in the conference proceedings. For student posters, there will not be an associated paper.

Abstracts should be less than 500 words, well-written and include the following:

- (1) the goal of your project (design goal or research hypothesis or implementation goal),
- (2) the process used in implementing the project,
- (3) a brief description of data collected,
- (4) the final outcome of your project, and
- (5) the academic field/department or topic of your project

For more information, please contact the Program Chair:

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